

Reducing Our Impact means working within Your Operational Envelope



You can think of your operational envelope as a 3 dimensional zone or bubble around your site where environmental impacts do not occur. It is the area of influence or impact zone around your facility.

The size of your operational envelope will depend not only on the standards set by environmental regulation but also your surrounding community.



It is important to monitor changes in your operations to reach the appropriate balance between your production requirements and the potential for impacts.



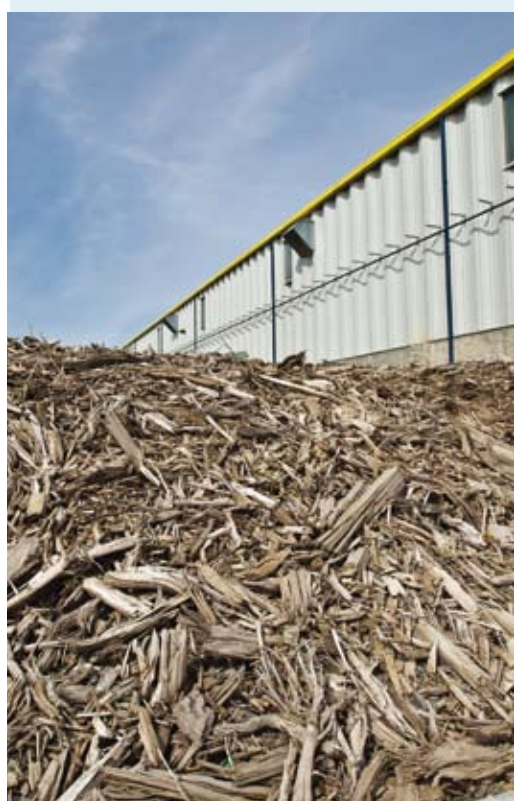
water
society
air
resource

HOW YOU CAN OPERATE WITHIN THAT ENVELOPE WILL DEPEND ON ▼

- Weather conditions
- The number and type of processes you are running at one time
- The volume of production
- The products that you are producing or applying
- The raw materials being used
- The mix or recipe used in your production
- The types of materials being accepted at your site
- Whether your equipment is operating at its optimum level
- Whether there has been equipment malfunctions
- How sensitized your neighbours are to your impacts
- How responsive you are to neighbour concerns
- How promptly and effectively you respond to process abnormalities or malfunctions
- The controls that are in place to reduce impacts
- Whether you are in a start-up or commissioning mode.

MESSAGE TO TAKE ▼

**Adapt for the environment.
Adapt for the community.
Adapt to operational changes.
Pay attention to these types of variation and adapt your operations to ensure you don't operate outside your operational envelope.**



QUESTIONS/DISCUSSIONS

1. Under what conditions have you adjusted your operations to stay within your operational envelope?
2. What types of adjustments were made?
3. Have you ever pushed beyond your operational envelope?
4. What were the consequences of doing that?
5. If so, how did you recover?

You must be the change you wish to see in the world.
Mahatma Gandhi

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Reduce Our Impacts
Our Environmental Messenger™

OPERATIONAL ENVELOPE

COMMIT ■ CREATE ■ PARTICIPATE

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